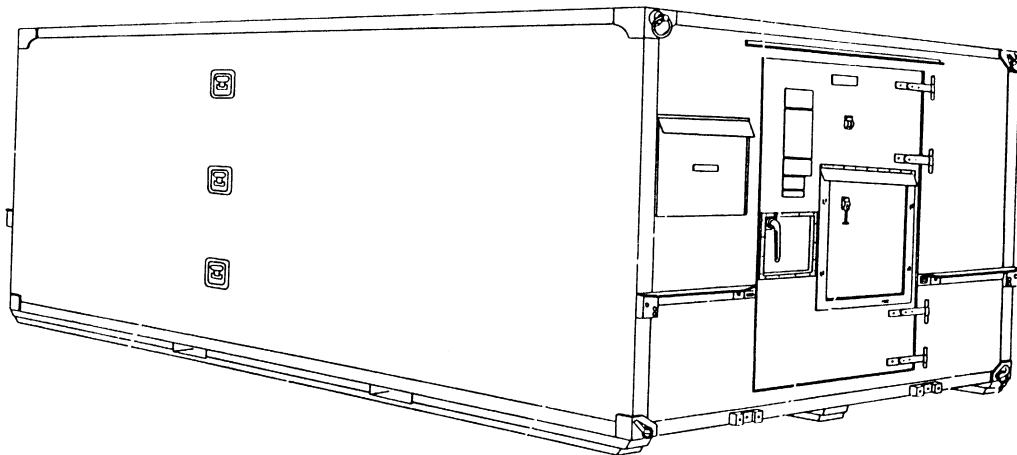


AN/ASM-147C



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Electronic Shop Shelter Mounted Avionics
SSN:	N/A
LIN:	H01912
NSN:	4940-00-435-7765
AMIM NO:	N/A
EIC:	JFE
FUEL TYPE:	-----

SYSTEM DESCRIPTION
The AN/ASM-147C is an air or vehicular-transportable field maintenance shop. It provides mobile facilities for direct support bench testing, troubleshooting, alignment, and repair of airborne electronic equipment and their components.

The list below identifies components associated with this weapon/materiel system.

AN/ASM-147C

<u>LIN</u>	<u>NSN</u>	<u>NOMENCLATURE</u>
V31211	5805-01-217-7310	TELEPHONE SET, TA-43/PT

SYSTEM VARIANTS

<u>MDS</u>	<u>LIN</u>	<u>NSN</u>
AN/ASM-147C	H01912	4940-01-244-4277

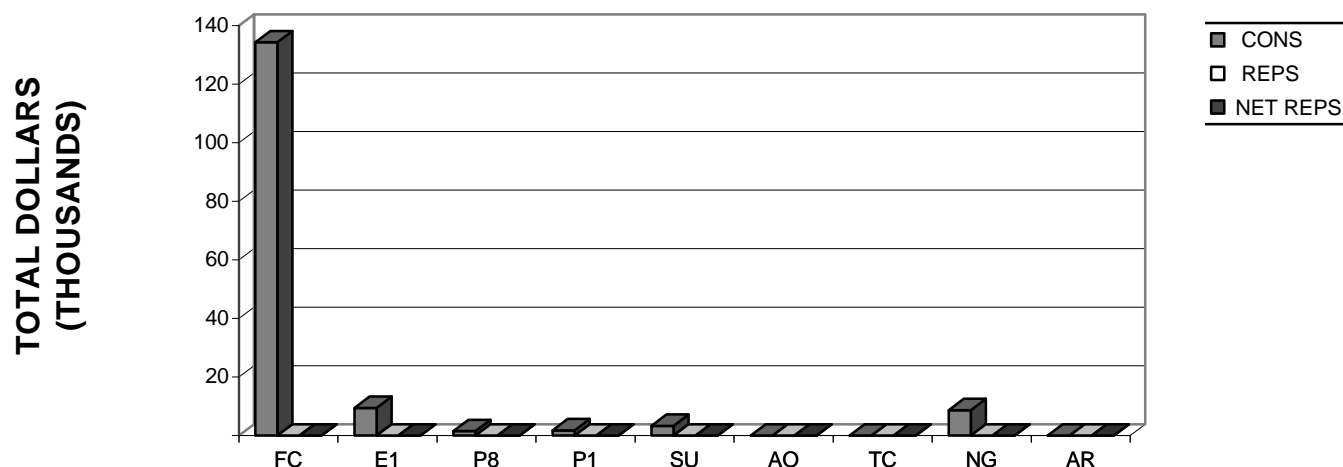
This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

<p align="center">AN/ASM-147C FY 94 TOTAL ARMY COST SUMMARY (FY 94 Constant Dollars)</p>

<div>DENSITY</div> <div>NUMBER OF SYSTEMS254</div>		<div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>TOTAL\$139,547</div> <div>QUANTITY COMPLETED4</div> <div>AVG COST/END ITEM\$34,886.75</div>																			
<div>CLASS III-POL (5.05)</div> <div>NOT APPLICABLE</div>		<div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/SECONDARY ITEM\$0.00</div>																			
<div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>		<div>INTERMEDIATE MAINTENANCE</div> <table><tr><td></td><td><u>DS/GS</u></td><td><u>CIVILIAN</u></td></tr><tr><td>MIL/CIV LABOR COST</td><td>\$581</td><td>\$0</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$2.29</td><td>\$0.00</td></tr><tr><td colspan="3"> </td></tr><tr><td>MAINTENANCE MANHOURS</td><td>35</td><td>0</td></tr><tr><td>MMHs/SYSTEM</td><td>0.14</td><td>0.00</td></tr></table>			<u>DS/GS</u>	<u>CIVILIAN</u>	MIL/CIV LABOR COST	\$581	\$0	AVG COST/SYSTEM	\$2.29	\$0.00				MAINTENANCE MANHOURS	35	0	MMHs/SYSTEM	0.14	0.00
	<u>DS/GS</u>	<u>CIVILIAN</u>																			
MIL/CIV LABOR COST	\$581	\$0																			
AVG COST/SYSTEM	\$2.29	\$0.00																			
MAINTENANCE MANHOURS	35	0																			
MMHs/SYSTEM	0.14	0.00																			
<div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><tr><td></td><td>FY 94</td><td>AVG COST</td></tr><tr><td></td><td><u>DOLLARS</u></td><td><u>PER SYSTEM</u></td></tr><tr><td>CONSUMABLES</td><td>\$159,224</td><td>\$626.87</td></tr><tr><td>NET REPARABLES</td><td>\$0</td><td>\$0.00</td></tr><tr><td>NET TOTAL COSTS</td><td>\$159,224</td><td>\$626.87</td></tr></table>					FY 94	AVG COST		<u>DOLLARS</u>	<u>PER SYSTEM</u>	CONSUMABLES	\$159,224	\$626.87	NET REPARABLES	\$0	\$0.00	NET TOTAL COSTS	\$159,224	\$626.87			
	FY 94	AVG COST																			
	<u>DOLLARS</u>	<u>PER SYSTEM</u>																			
CONSUMABLES	\$159,224	\$626.87																			
NET REPARABLES	\$0	\$0.00																			
NET TOTAL COSTS	\$159,224	\$626.87																			

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

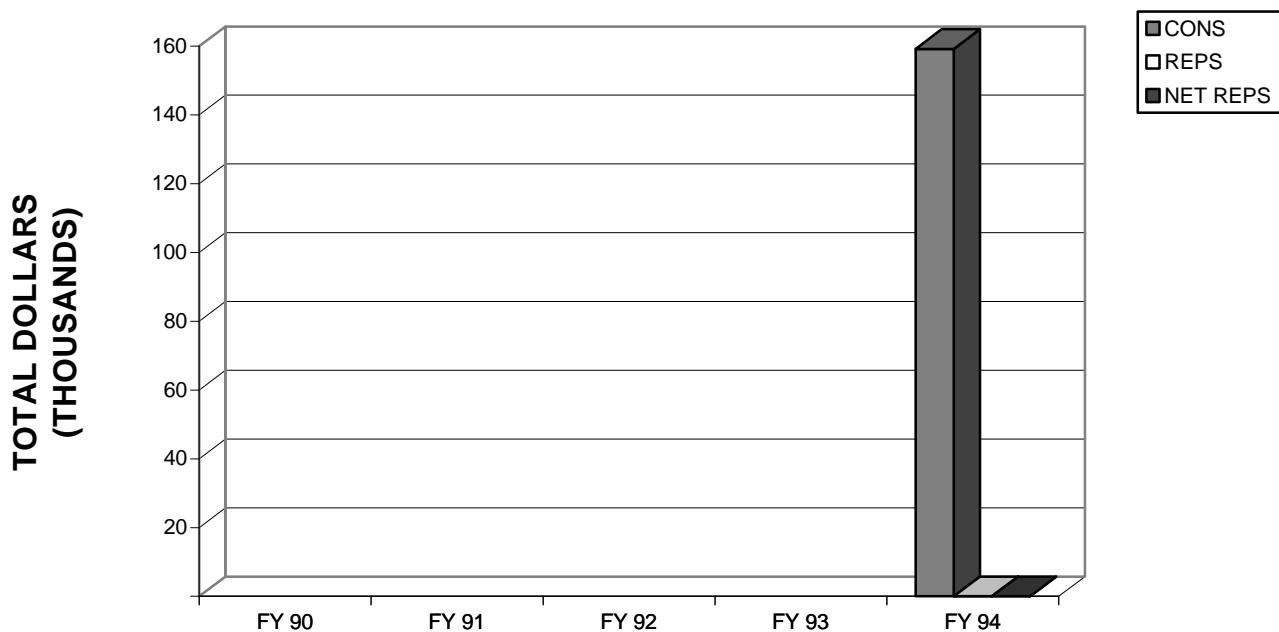
AN/ASM-147C



AN/ASM-147C							
FY 94 MACOM CLASS IX COSTS							
MACOM		CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
CODE	NAME						
FC	FORSCOM	134,304	0	0	134,304	106	1,267
E1	USAREUR	9,443	0	0	9,443	38	249
P8	EUSA	1,561	0	0	1,561	5	312
P1	USARPAC	1,797	0	0	1,797	14	128
SU	USARSO	3,377	0	0	3,377	5	675
AO	USASOC	0	0	0	0	0	0
TC	TRADOC	0	0	0	0	0	0
NG	ARNG	8,742	0	0	8,742	86	102
AR	USAR	0	0	0	0	0	0
TA	TOTAL ARMY	159,224	0	0	159,224	254	627

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

AN/ASM-147C



AN/ASM-147C FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FY 90						
FY 91						
FY 92						
FY 93						
FY 94	159,224	0	0	159,224	254	627

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

AN/ASM-147C							
FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS							
WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	SENSORS	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	18,391	0	0	18,391	254	72
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	1,258	0	0	1,258	254	5
06	APPLICATIONS SFT	0	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0	0
09	OTHER	139,575	0	0	139,575	254	550
	TOTAL	159,224	0	0	159,224	254	627

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/ASM-147C						
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS						
WBS	NAME	FY 90 NET TOTAL COSTS	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS
01	SENSORS					0
02	PROCESSING (ADPE)					0
03	COMMUNICATIONS					18,391
04	PERIPHERALS					0
05	ENVIRON SUPPORT					1,258
06	APPLICATIONS					0
07	SYSTEM SOFTWARE					0
08	INT, ASSY, TEST, C/O					0
09	OTHER					139,575
	TOTAL					159,224
	NUM OF SYSTEMS					254
	AVG PER SYSTEM					627

AN/ASM-147C
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
1.	4940004910496	CABINET ASSEMBLY	09	H		G21QE	1,129.00	107.25
2.	6150004951214	LEAD,ELECTRICAL	09	Z		J2200	21.76	371.16
3.	5975002245260	ROD GROUND MX-148/G	03J	Z		Q2200	23.42	284.57
4.	4940009372553	CANOPY,MOVEABLE	09	O		G21QE	554.00	8.94
5.	5975001521046	CLAMP	03J	Z		Q2200	59.38	55.44
6.	5935001345266	CONNECTOR,PLUG,ELEC	03A	Z		Q22RF	189.56	12.97
7.	6135009300030	BATTERY, NONRECHARG	09	Z		G22TJ	12.03	176.26
8.	5915011532417	FILTER,RADIO FREQUE	03E	Z		Q22T2	47.21	35.47
9.	2540008926243	LADDER,VEHICLE BOAR	05C	Z		J2200	113.94	9.57
10.	5995001347159	CABLE ASSEMBLY AND	03A	F		G21RF	646.00	1.20
11.	6210010339700	FIXTURE,LIGHTING	09	Z		J2200	95.65	7.11
12.	6210009216682	WINDOW,LIGHTING FIX	09	Z		J2200	5.33	88.54
13.	5935000645732	CONNECTOR RECEPTAC	03J	Z		G22R1	36.52	12.12
14.	5965006699145	HANDSET	03A	Z		Q2200	46.43	9.45
15.	5805007526166	CASE, TELEPHONE SET	03J	Z		Q22RH	26.13	16.42
16.	5999011200934	PARTS KIT,ELECTRONI	03J	Z		Q22TV	10.93	33.00
17.	6240001522996	LAMP,FLUORESCENT	09	Z		J2200	1.18	299.63
18.	4940004910497	CANOPY	09	O		J2100	191.11	1.47
19.	6210001337533	FIXTURE,LIGHTING	09	Z		J2200	104.22	2.40
20.	5995007522566	CABLE ASY	03J	Z		Q22RH	12.48	19.29
21.	5805005031145	RINGER,TELEPHONE	03J	Z		Q22RH	40.89	5.54
22.	6145005041015	CABLE	09	Z		Q2200	0.33	645.12
23.	6240006359753	LAMP,GLOW	09	Z		J2200	5.41	29.55
24.	5915003925981	NETWORK	03E	Z		Q22RH	51.68	2.94
25.	9330001071165	PLASTIC SHEET	09	Z		E2200	3.45	43.34
26.	6105001480851	MOTOR,ALTERNATING C	05A	Z		J2200	100.84	1.44
27.	5995007522525	LEAD,ELECTRICAL	03J	Z		Q2200	6.52	19.53
28.	6250001944794	STARTER,FLUORESCENT	09	Z		J2200	0.93	131.44
29.	6140013088412	COVER ASSEMBLY,BATT	09	Z		Q2200	24.24	4.78
30.	5995001439858	CABLE ASSEMBLY AND	03A	F		G21RF	646.00	0.16
31.	5915001168916	FILTER,RADIO FREQUE	03E	Z		Q2200	4.75	21.40
32.	5935012942882	COVER,ELECTRICAL CO	03J	Z		Q2200	40.51	2.37
33.	7125004419144	DIVIDER,DRAWER-SHEL	09	Z		G22QE	4.06	23.81
34.	5975009473068	PLATE,WALL,ELECTRIC	03A	Z		Q23RF	2.38	37.39
35.	6625001930636	VOLTMETER	09	Z		Q22SG	48.41	1.75
36.	5940010791375	SPLICE,CONDUCTOR	03J	Z		Q2200	9.51	8.00
37.	5925011478574	CIRCUIT BREAKER	03J	Z		Q2200	13.46	5.57
38.	6160006818597	COVER, BATTERY RETAI	09	Z		G225W	17.53	3.31
39.	5925010420109	CIRCUIT BREAKER	03J	Z		Q2200	6.38	8.67
40.	5940005567802	POST,BINDING,ASSEMB	03J	Z		Q22RH	8.37	6.50

NUMBER OF SYSTEMS	254
-------------------	-----

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/ASM-147C
CONSUMABLES (NON-DLRs)

EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST
121,085	476.71	42.2244		
8,077	31.80	146.1260		
6,664	26.23	112.0354		
4,952	19.50	3.5196		
3,292	12.96	21.8267		
2,458	9.67	5.1063		
2,120	8.35	69.3937		
1,675	6.60	13.9646		
1,091	4.30	3.7677		
775	3.05	0.4725		
680	2.68	2.7992		
472	1.86	34.8583		
443	1.74	4.7716		
440	1.73	3.7205		
430	1.69	6.4646		
361	1.43	12.9921		
353	1.39	117.9645		
281	1.11	0.5788		
250	0.99	0.9449		
240	0.94	7.5945		
227	0.90	2.1811		
213	0.84	253.9843		
161	0.63	11.6338		
152	0.59	1.1575		
150	0.59	17.0630		
145	0.57	0.5670		
128	0.50	7.6889		
122	0.48	51.7480		
116	0.46	1.8819		
103	0.40	0.0629		
101	0.39	8.4252		
97	0.38	0.9331		
96	0.38	9.3740		
89	0.35	14.7205		
84	0.33	0.6889		
77	0.30	3.1496		
75	0.29	2.1929		
59	0.24	1.3031		
55	0.21	3.4134		
54	0.21	2.5591		

158,443	99.5%	TOP 40
781	0.5%	OTHERS
=====		
159,224		

AN/ASM-147C
COST DRIVERS
CLASS IX REPARABLES (DLRs)

NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE		FY 94 QTY
						W/O CREDIT	W/CREDIT	

NO DATA

**AN/ASM-147C
REPARABLES (DLRs)**

EXTENDED COST (W/CREDIT) (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT)	AVERAGE QUANTITY	FY 90-94	
	PER SYSTEM	PER 100 SYSTEMS	FIVE YEAR AVERAGE QTY	EXTENDED COST (W/CREDIT)

NO DATA

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

AN/ASM-147C							
FY 94 DEPOT MAINTENANCE COSTS							
COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	53,222	0	0	0	0	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	7,026	0	0	0	0	0
TRANSPORTATION	0	0	0	0			
OVERHEAD	0	76,610	0	0	0	0	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	2,689	0	0	0	0	0
TOTAL	0	139,547	0	0	0	0	0
QTY COMPLETED	0	4	0	0	0	0	0
AVG COST	0	34,887	0	0	0	0	0

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

AN/ASM-147C					
FY 94 INTERMEDIATE MAINTENANCE COSTS					
MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	5	83	0	0	0.00
USAREUR	29	482			
EUSA	0	0			
USARPAC	0	0			
USARSO	0	0			
USASOC	0	0			
TRADOC	0	0	0	0	0.00
ARNG	1	17			
USAR	0	0			
TOTAL ARMY	35	581	0	0	0.00

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/ASM-147C FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR					53,222					0
MILITARY LABOR					0					0
MATERIEL					7,026					0
TRANSPORTATION					0					
OVERHEAD					76,610					0
CONTRACT					0					0
OTHER					2,689					0
TOTAL					139,547					0
QTY COMPLETED					4					0
AVG COST					34,887					0

The table below summarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/ASM-147C FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM					83					0
USAREUR					482					
EUSA					0					
USARPAC					0					
USARSO					0					
USASOC					0					
TRADOC					0					0
ARNG					17					
USAR					0					
TOTAL ARMY					581					0
LABOR HRS					35					0
COST PER HR					16.61					0.00

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

AN/ASM-147C					
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS					
COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
NO DATA AVAILABLE					

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

AN/ASM-147C					
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS					
COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REPAIR	FY 94 QTY COMPLETED	AVG COST TO REPAIR
NO DATA AVAILABLE					

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

AN/ASM-147C FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REBUILD/ OVERHAUL	FY 90-94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
NO DATA AVAILABLE					

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

AN/ASM-147C FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR
NO DATA AVAILABLE					

CHOOSE A VOLUME FOR MORE SYSTEMS



THIS PAGE INTENTIONALLY LEFT BLANK